

3 DEFINITIONS

3.1 Definitions of terms.

Definitions of terms used in this document are specified in FED-STD-1037.

3.2 Abbreviations and acronyms.

Abbreviations and acronyms used in this MIL-STD are defined below. In addition, those listed in the current edition of FED-STD-1037 have been included for the convenience of the reader.

ABM	Asynchronous Balanced Mode
ACK	Acknowledgment
ADM	Asynchronous Disconnected Mode
ADMC_N	Analog Data Mode Control_Not
ARP	Address Resolution Protocol
ASD	Adverse State Detector
ASK	Amplitude Shift Keying
B	<u>Network Busy Sensing Time</u>
BCH	Bose-Chaudhuri-Hocquenghem
BER	Bit Error Rate
bps	bit(s) per second
C/R	command/response
C ⁴ I	Command, Control, Communications, Computers, and Intelligence
CCITT	International Telephone and Telegraph Consultative Committee
CDP	Conditioned Diphas
CNR	Combat Net Radio
COMSEC	Communications Security
CSMA	Carrier Sense Multiple Access
DAP-NAD	Deterministic Adaptive Prioritized - Network Access Delay
DARPA	Defense Advanced Research Projects Agency
dB	decibel
DC	Direct Current
DCE	Data Circuit-terminating Equipment
DDCO	Digital Data Clock Out
Dec	Decimal
DES	Destination
DIA	Decoupled Information Acknowledgement
DISC	Disconnect
DL	Data Link Layer
DM	Disconnect Mode
DMTD	Digital Message Transfer Device
DoD	Department Of Defense

MIL-STD-188-~~220D~~220C
DRAFT

DoDISS	Department Of Defense Index Of Specifications and Standards
DPSK	Differential Phase-Shift Keying
DPTT	Delayed Push-to-Talk
DRA	Data Rate Adapter
DRNR	Decoupled Receive Not Ready
DRR	Decoupled Receive Ready
DTE	Data Terminal Equipment
<u>DTEACK</u>	<u>DTE ACK preparation time</u>
<u>DTEPROC</u>	<u>DTE Processing time</u>
<u>DTETURN</u>	<u>DTE Turnaround time</u>
ECP	Emergency Command Precedence
EDC	Error Detection and Correction
EDM	Enhanced Data Mode
<u>ELAG</u>	<u>Equipment Lag time</u>
<u>EPRE</u>	<u>Equipment Preamble time</u>
ETE	End-to-End
FCS	Frame Check Sequence
FEC	Forward Error Correction
FED-STD	Federal Standard
FH	Frequency Hopping
FIFO	First-In First-Out
FPI	Field Presence Indicator
FRMR	Frame Reject
FSK	Frequency-Shift Keying
FSN	First Subscriber Number
GPI	Group Presence Indicator
GRI	Group Repeat Indicator
H-NAD	Hybrid - Network Access Delay
HDLC	High-level Data Link Control
Hex	Hexadecimal
HF	High Frequency
HLEN	Header Length
HRT	Hop Recovery Time
Hz	Hertz
I PDU	Information frame PDU
IAB	Internet Architecture Board
ICOM	Integrated COMSEC
IHL	Internet Header Length
IL	Intranet Layer
IP	Internet Protocol
ISO	International Organization for Standardization
ITU	International Telecommunications Union
JIEO	Joint Information Engineering Organization
<u>JRT</u>	<u>Join Response Timer</u>

MIL-STD-188-~~220D~~220C
DRAFT

JRTTL **Join Request Time To Live**

kpbs kilobit(s) per second
KG Key Generator
KHz Kilohertz
LOS Line-of-Sight
LSB Least Significant Bit
MI Message Indicator
MIL-STD Military Standard
MSB Most Significant Bit

MTT **Maximum Transmit Time**

MTU Maximum Transmission Unit
N(R) Receive sequence number
N(S) Send sequence number
NAC Network Access Control
NAD Network Access Delay
NATO North Atlantic Treaty Organization

NBDT **Network Busy Detect Time**

NBT **Net Busy Timeout**

NETCON Network Control
NIC Network Information Center
NP Network ~~Protocol~~Precedence
NRZ Non-Return-to-Zero
NS Number of Stations
OSI Open Systems Interconnection
OSPF Open Shortest Path First
OTAR Over-The-Air rekeying
P/F Poll/Final
P-NAD Priority - Network Access Delay
PDU Protocol Data Unit

PHASING **PHASING transmission time**

PL Physical Layer
PN Pseudo-Noise
PSK Phase-Shift Keying

PTT **Push to Talk**

R-NAD Random Network Access Delay
RARP Reverse Address Resolution Protocol
RE-NAD Radio Embedded - Network Access Delay
REJ Reject
REL Relay
RF Radio Frequency
RFC Request For Comments
RHD Response Hold Delay
RNR Receive Not Ready
RR Receive Ready

MIL-STD-188-~~220D~~220C
DRAFT

RSET	Reset
<u>RTURN</u>	<u>Receiver Turnaround Time</u>
R/T	Receiver/Transmitter
<u>S</u>	<u>Coupled Acknowledgment transmission time</u>
S/N	Signal-to-Noise ratio
S PDU	Supervisory frame PDU
SABME	Set Asynchronous Balanced Mode Extended
SALT	Smallest Actual Lag Time
SATCOM	Satellite Communications
SC	Single Channel
SDM	Standard Data Mode
SINCGARS	Single Channel Ground and Airborne Radio System
SIP	System Improvement Program
SNDCF	Subnetwork Dependent Convergence Function
SOM	Start Of Message
SOP	Start Of Packet
SP	Subscriber Precedence
SREJ	Selective Reject
TBD	To Be Determined
TCP	Transmission Control Protocol
TCSS	Telecommunications System Standards
TDC	Time-Dispersive Coding
<u>TOL</u>	<u>Tolerance time</u>
TOS	Type Of Service
TP	Timeout Period
TRANSEC	Transmission Security
<u>TTTL</u>	<u>TEST Time To Live</u>
<u>TTURN</u>	<u>Transmitter Turnaround time</u>
<u>TURN</u>	<u>Turnaround time</u>
TWC	Transmission Word Count
U PDU	Unnumbered frame PDU
UA	Unnumbered Acknowledgment
UDP	User Datagram Protocol
UI	Unnumbered Information
URNR	Unnumbered Receive Not Ready
URR	Unnumbered Receive Ready
V(R)	Receive-state Variable
V(S)	Send-state Variable
VMF	Variable Message Format
XNP	Exchange Network Parameters